

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and Pathological). Effects of Physical Factors.
Ionizing Radiation.

T-15

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51441
Author : Karpfcl, Zdenek
Inst :
Title : The Characteristics of Leukocytic Reaction in Roentgen Irradiation.
Orig Pub : Ceskosl. biol., 1957, 6, No 1, 30-36.

Abstract : After rabbits received single irradiations of 200, 350, and 800 r, as well as after fractional daily irradiations by 11 dosages of 100 r each, the leukocyte curve showed alternating positive and negative fluctuations, which were graphically demonstrated by an incorrect sinus. The length of each of the sinus waves fluctuated considerably depending upon individual reactivity of the animals. With 200 r the interval length between individual maximums and

Card 1/2

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000720820017-4
CZECHOSLOVAKIA/Human and Animal Physiology (Normal and Pathological). Effects of Physical Factors.
Ionizing Radiation.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51441

minimums of the curve fluctuated at an average of about 4 days, while with 350 r, 800 r, and in fractional irradiations the average amounted to 6 days. -- From the author's summary.

Card 2/2

KARPFEL, Z. ; PRASLICKA, M. ; MRAZ, L.

"Effect of artificial hypothermia on survival and the peripheral blood picture of mice and rats following irradiation." p. 284.

CESKOSLOVENSKA FYSIOLOGIE. Praha, Czechoslovakia, Vol. 7, no. 3, May 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August, 1959.
Uncl.

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and
Pathological). The Effect of Physical Factors.
Ionizing Irradiation.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 27214

Author : Karpfel', Z.

Inst :

Title : Irradiation and Type of Organism.

Orig Pub : Physiol. bohemosl., 1958, 7, No 3, 313-321

Abstract : No abstract.

Card 1/1

1226

End

- 181 -

EXCERPTA : EDICA Sec 14 Vol 13/9 Radiology Sept 59

1707. EFFECTS OF NUCLEOPROTEINS AND NUCLEOSIDES ON THE REGENERATION OF HAEMATOGENETIC TISSUES AFTER IRRADIATION (Russian text) - Karpfel Z., Soshka Yu. and Drashil V. - BIOFIZIKA 1959, 4/1 (64-79) Graphs 4 Tables 2

Results of 'in vitro' experiments were evaluated according to the effect of irradiation on the DNA synthesis in bone marrow suspensions, and in irradiated animals the number of survivals was compared with the blood picture. Under the conditions of these experiments, some deoxyribonucleotides had a positive effect; ribonu-

Institut biofiziki Chakhovsoritskoy akademii nauk

SOSKA, J.; DRASIL, V.; KARPFEL, Z.; SOSKOVA, L.; PALECEK, E.; BENES, L.

Significance of desoxyribonucleides in irradiated organism. Česk. fysiol. 8 no.3:247-248 Apr 59.

1. Biofysikalni ustav CSAV v Brne a Biologicky ustav lek. fakulty v Brne. Predneseno na III. fysiologickych dnech v Brne dne 15. 1. 1959.

(RADIATIONS, eff.

desoxyribonucleic acid activity in irradiated animal
as index of effectiveness of transpl. hemopoietic
tissue (Cz))

(DESOXYRIBONUCLEIC ACIDS, metab.

in irradiated animals, as index of effectiveness of
transpl. of hemopoietic tissues (Cz))

(HEMOPOIETIC SYSTEM, transpl.

desoxyribonucleic acid activity in irradiated animals
as index of effectiveness of transpl. (Cz))

DRASIL, V.; KARPFEL, Z.; SOSKA, J.

Bone marrow transplantation as an indicator of the absence of Mitosis
inhibitors in irradiated mice. Folia biol. 7 no.6:409-411 '61.

1. Institute of Biophysics, Czechoslovak Academy of Sciences, Brno.
(CELL DIVISION radiation eff.)
(BONE MARROW transpl.)

SLOTOVA, Jana; KARPFEL, Z.

The question of the effectiveness of cell-free spleen extract in
the treatment of radiation sickness. Folia biol. 7 no.6:412-414
'61.

1. Institute of Biophysics, Czechoslovak Academy of Sciences, Brno.
(SPLEEN extracts) (RADIATION PROTECTION exper.)

KARPFEL, Z.; DRASIL, V.; SKALKA, M.

Dynamics of cell proliferation in the bone marrow of irradiated mice,
using certain factors with a protective effect. Folia biol. 8 no.3:
152-158 '62.

1. Institute of Biophysics, Czechoslovak Academy of Sciences, Brno.

(BONE MARROW radiation effects)
(RADIATION PROTECTION experimental)

ACCESSION NR: AT4008636

S/3039/63/000/000/0118/0125

AUTHOR: Soshka, Y.; Benesh, L.; Drashil, V.; Karpfel, Z.; Palecek, E.; Skalka, M.

TITLE: Significance of free deoxyribonucleotides at the onset of radiation injuries

SOURCE: Pervichnye i nachal'nye protsessy biologicheskogo deystviya radiatsii.
Moscow, 1963, 118-125

TOPIC TAGS: radiation injury, deoxyribonucleic acid, deoxyribonucleotide, deoxy-cytidyllic acid, thymidylic acid, bone marrow mitotic index, mitotic index, irradiation, deoxyadenylic acid, deoxynucleotide, nucleoside, nucleotide, ribonucleoside, ribonucleotide

ABSTRACT: After a short description of their earlier work on the beneficial effect of certain deoxyribonucleotides on the course of radiation sickness in animals, the authors describe their experience with the use of some of these compounds in radiation injuries. When injected into mice at doses equivalent to 0.3 mg of desoxycytidyllic acid (DCMP) 24 hours after irradiation with 500r, only DCMP, thymidylic acid (TMP), and deoxyadenylic acid showed a statistically significant beneficial effect on the bone marrow mitotic index. Further, DCMP and TMP stimulated the synthesis of DNA in the bone marrow of irradiated guinea pigs in vitro. Deoxycytidine and thymidine were also active, but to a lesser

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ACCESSION NR: AT4008636

extent. Fresh chick embryo extract increased DNA synthesis by 86%, and an extract of embryonic tissue prepared with 0.6 perchloric acid was also active. Further fractionation of the perchloric acid extract showed that the fraction containing triphosphate was most active followed by fractions containing the mono- and tetraphosphates. Further experiments in which the bone marrow of irradiated animals was incubated with P³² or formate-C¹⁴ and nucleotides showed with the aid of autoradiography, that P³² uptake in reticular cells was increased 2 to 5 times in the presence of DCMP compared to 3 times in non-irradiated animals. The uptake or incorporation of formate-C¹⁴ was also twice as great. However, in the presence of thymidylate, only P³² was incorporated and the incorporation of formate-C¹⁴ into DNA was decreased. DCMP normalized both the adenine/thymine (A/T) and guanine/cytosine (G/C) ratios, while TMP changed only the G/C ratio. Since it was assumed that the nucleotides which stimulate DNA synthesis in irradiated animals may serve as precursor of DNA, experiments were carried out with the spleens of irradiated rats. For several hours after a dose of 600r the level of deoxynucleotides and nucleosides in the spleen remained above normal, falling below normal only after 24 hours. In order to avoid the heterogeneity and variability of splenic tissue, experiments were then performed with regenerating rat liver, rats being irradiated (600r) either 1-2 hours after or 24 hours before hepatectomy. These results showed that, although irradiation alone, like hepatectomy, increased the level of deoxynucleotides and nucleoside in the liver, irradiation prevented the increase in deoxynucleotides (but not that in deoxynucleosides) usually following

Card 2/3

Card 3/3

RABOCHKA, Miloslav; KARPFEL, Zdenek

Development of changes in the bone marrow after hypothermia of mice in a state of hypothermia. Biologický Institut Akademie věd ČSR, Brno.

85-342 154

1. Katedra biologie růstových reakcí, Ústav fyzikální chemie a fyzikální biologie a Biologický ústav Akademie věd ČSR, Brno.

KARPFEL,Z.; KOUKALOVA, Blazena; CINCAROVA, Jana; PAPEZOVÁ, Zora

To the problem of individual radiosensitivity of bone marrow.
Folia biol. (Praha) 11 no.2:140-146 '65

1. Institute of Biophysics, Czechoslovak Academy of Sciences,
Brno.

L 00284-66 EMG(r)/EWT(l)/FS(v)-3 DD
ACCESSION NR: AP5023865

CZ/0049/64/000/011/0836/0842

AUTHOR: Praslicka, Milan (Praslichka, Milan) (Doctor, Docent, Candidate of sciences)
(Kosice); Karpfel, Zdenek (Brno)

TITLE: Developement of changes in bone marrow after irradiation in mice in the
condition of hypothermia

SOURCE: Biologia, no. 11, 1964, 836-842

TOPIC TAGS: bone marrow, mouse, irradiation, hypothermia, radiation biologic effect

ABSTRACT: The authors studied changes in the bone marrow of mice
irradiated with a dose of 500 r. In animals maintained for 48
hours after irradiation at a body temperature of 22-25°C all the
changes take place more slowly, but in the same direction as the
animals that were not under the condition of hypothermia. In the
relative picture of the myelogram, and in the absolute values of
cellularity the picture of the bone marrow in the mice subjected
to hypothermia is similar after 48 hours, to that of control mice
after 16 hours. Orig. art. has: 5 figures, 3 graphs, 1 table.

Card 1/2

L 00284-66

ACCESSION NR: AP5023865

ASSOCIATION: Praslicka--Katedra biologie Prirodovedeckej fakulty Univerzity Pavla J. Safarika, Kosice (Department of Biology, Faculty of Natural Sciences, University of P. J. Safarik); Karpfel--Biofyzikalny ustav Ceskoslovenskej akademie vied, Brno (Institute of Biophysics, Czechoslovak Academy of Sciences)

SUBMITTED: 06May64

ENCL: 00

SUB CODE: LS

NO REF Sov: 001

OTHER: 014

JPRS

Card 2/2

L 13312-66 EWT(m)

ACC NR: AP6006015

SOURCE CODE: CZ/0053/65/014/004/0278/0279

AUTHOR: Karpfel, Z.; Koukalova, B.; Cincarova, J.; Papezova, Z.

ORG: Institute of Biophysics CSAV, Brno (Biofysikalni ustav CSAV)

TITLE: Chromosomal aberrations as an indicator of individual radiosensitivity of bone marrow [This paper was presented during Biophysical Days, Brno, 12 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 278-279

TOPIC TAGS: radiation biologic effect, mouse, bone marrow, genetics, radiology

ABSTRACT: Description of study aimed at identifying the relationship between the chromosomal aberration ratio before and after radiation. The closest correlation was between the number of spontaneous chromosomal aberrations in femoral bone marrow of individual mice and postirradiation (191 r to femoral bone marrow) anaphase aberrations. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Card 1/1 JC

L 13468-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006025

SOURCE CODE: CZ/0053/65/014/004/0284/0285

AUTHOR: Plchova, S.; Papezova, Z.; Blazicek, G.; Karpfel, Z.

ORG: Institute of Biophysics CSAV, Brno (Biofysikalni ustav CSVA)

TITLE: Formation of hybrids between nucleic acids [This paper was presented during
Biophysical Days, Brno, 12 Jun 64.] 6.44.55

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 284-285

TOPIC TAGS: DNA, mouse, bacteria, biochemistry, bacteriology

ABSTRACT: Attempt to hybridize P-32 tagged E. coli DNA with DNA from
B. subtilis and mice spleen resulted in the creation of syngenic DNA with
highest activity, but E. coli and B. subtilis hybrid DNA of somewhat lower
activity was also produced; no heterologous hybrid DNA could be made in
the agar gel. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Cord 1/1 DC

L 13169-66 EWA(j)/ENT(m)/T/EWA(b)-2 JK

ACC NR: AF6006026

SOURCE CODE: CZ/0053/65/014/004/0286/0286

AUTHOR: Slotova, J.; Karpfel, Z.18
BORG: Biophysics Institute CSAV, Brno (Biofysikalni ustav CSAV)TITLE: Comparative studies of chromosomal aberration in rootlets of Vicia faba following irradiation and effect of DNA [This paper was presented during Biophysical Days, Brno, 11 Jun 64.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 286

TOPIC TAGS: experiment animal, bone marrow, mitosis, genetics, DNA, radiation biologic effect, plant genetics

ABSTRACT: Metaphase and anaphase chromosomal aberrations after 150 r or application of isogenic or allogenic (murine bone marrow) DNA at 0.001%. While radiation affected indiscriminantly all chromosome sizes, foreign DNA was more apt to affect the smaller chromosomes; probably affecting mainly replication in the S phase. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 AL

// I

CA

Inorganic pyrophosphate in insect tissue. J. Heller,
St. Karpick, and I. Zubikowa (Univ., Wroclaw). *Nature*
166, 187-8(1950).—The readily hydrolyzable P fraction
in the fat bodies of the male butterfly, *Brilephila euphor-*
biae was found to contain as much as 60% inorg. pyro-
phosphate by isolation as silver pyrophosphate. A small
amt. of metaphosphate was also found. R. G. Rice

KARPIAK, ST.:ZALUCKI, G.

Chemical influence of acetylcholine and adrenaline on frog's heart.
Acta physiol. polon. 3 Suppl. 3; 248-250 1952. (CML 24:1)

1. Of the Institute of Physiology (Head—Prof. A. Klisiecki, M.D.)
of Wroclaw Medical Academy.

KARPIAK, STANISLAW.

Przemiana fosforowa u wilczomleczka (*Celerio euphorbiae*). Wrocław (Fanstwowe Wydawn. Naukowe) 1957. 72 p. (Wrocławskie Towarzystwo Naukowe. Prace. Seria B, no. 83) (Phosphorus compounds in the metamorphosis of the hawk moth (*Celerio euphorbiae*). bibl., graphs, tables)

NN

SC: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

~~Karpinki, S.~~

MEJBAUM-KATZENELLENBOGEN, Wanda; KARPIAK, Stanislaw; KOWAL, Barbara; ROMANOWSKA, Elzbieta.

Effect of intradermal administration of ACTH on metabolism in normal subjects. Acta biochim. polon. 4 no.4:217-230 1957.

1. Z Zakladu Chemii Fizjologicznej Akademii Medycznej we Wrocławiu.
Kierownik: prof. dr T. Baranowski.

(ACTH, effects,
on blood metab., intradermal admin. (Pol))
(BLOOD, effect of drugs on,
ACTH, intradermal admin. (Pol))

POLAND / General and Special Zoology. Insects. Physio- P
logy and Toxicology.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 63975.

Author : Karpiak, S.

Inst : Not given.

Title : Phosphorous Exchange in Euphorbia Hawk-moth
(Celerio euphorbiæ).

Orig Pub: Prace Wrocławsk. towarz. nauk., 1957, 3, No 83,
71 S.

Abstract: No abstract.

Card 1/1

KARPIAK, Stanislaw E.

On chemical composition of the sphincter in Union sp. preliminary
communication. Acta physiol.polon. 12 no.1:153-155 Ja-F '60.

1. Z Zakladu Chemii Fizjologicznej A.M. we Wroclawiu. Kierownik:
prof.dr T. Baranowski.
(MOLLUSCA chem.)
(MUSCLES chem.)

KARPIAK, Stanislaw E.

Glycolytic enzymes in the sphincter in Unio sp. Preliminary communication. Acta physiol.polon. 12 no.1:157-159 Ja-F '60.

1. Z Zakladu Chemii Fizjologicznej A.M. we Wrocławiu. Kierownik:
prof.dr T. Baranowski.
(CARBOHYDRASES chem.)
(MUSCLES chem.)
(MOLLUSCA chem.)

KARPIAK, Stanislaw E.

Hydrolysis of glycogen and transglucosidation in the muscle of
Unio sp. Acta physiol.polon. 12 no.1:161-171 Ja-F '60.

l. Z Zakladu Chemii Fizjologicznej A.M. we Wroclawiu. Kierownik:
prof.dr T. Baranowski.

(MOLLUSCA chem.)
(MUSCLES chem.)
(GLYCOGEN chem.)

POLAND

KOWARZYKOWA, Zofia, ZABRZYCKI, Jan, KARPIAK, Stanislaw E.,
KOWALEWSKA, Danuta, PERYT, Alina, and CZECHOWICZ, Kazimierz;
Institute of Immunology and Experimental Therapy (Instytut
Immunologii i Terapii Doswiadczonej) im. L. Hirschfelda, PAN
[Polska Akademia Nauk, Polish Academy of Sciences], Wrocław

"Metabolic Gradient in the Embryo Heart."

Warsaw, Postepy Higieny i Medycyny Doswiadczonej, Vol 17,
No 1-2, 63, pp 207-208.

Abstract: Preliminary report. Comparative studies of the
PAS reaction in auricular and ventricular tissues of the
chick embryo heart in vitro led to differential studies of
the carbohydrate metabolism in pulps and extracts of these
tissues. Biochemical determinations revealed a metabolic
gradient, not previously noted to the knowledge of the
authors. The five (5) references contain three (3) En-
glish and two (2) Polish sources.

1/1

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanislaw E.; KOWALEWSKA, Danuta;
KOCHMAN, Marian; PERYT, Alina; CZECHOWICZ, Kazimierz

The metabolic gradient in the development of embryonic chick heart.
Acta med. Pol. 4 no.4:351-360 '63.

1. Institute of Immunology and Experimental Therapy, Polish Academy
of Sciences, Wroclaw. Director: S. Slopek.

KARPIAK, Stanislaw,E.; KOZAR, Zbigniew; KRZYZANOWSKI, Marian

Changes in the metabolism of the skeletal muscles of guinea pigs caused by the invasion of *Trichinella spiralis*. I. Influence of the invasion on the carbohydrate metabolism of muscles. *Wiad. parazyty.* 9 no.5:435-446 '63.

1. Laboratory of Anthrophozoonoses, Department of Parasitology Polish Academy of Sciences, Wroclaw.

*

KOWARZYKOWA, Zofia; ZARZICKI, Jan; KARPLAK, Stanislaw E.; KOMALEWSKA,
Danuta; KOCHMAN, Marian; PERZYNSKI, Krzysztof; CZECHOWICZ, Kazimierz.

The metabolic gradient of the development of the embryonic chick heart. Postępy med. dobre. 17 no. 2 1979-398 N-D'63.

1. Z Instytutu Immunologii i Terapii Doswiadczalnej PAN im.
L.Hirschfelda we Wroclawiu.



KOZAR, Zbigniew; KARPIAK, Stanislaw; KRZYZANOWSKI, Marian; KOZAR, Maria

Metabolism of *Trichinella spiralis* larvae. *Wiad parazytol.* 10
no.4s280-281 '64

The effect of *Trichinella spiralis* infection on fat metabolism
and enzyme activity of the Krebs cycle in skeletal muscles of
guinea pigs. *Ibid.* 10:282-283

1. Pracownia Antropozoologiczna Zakladu Parazytologii Polskiej Akademii
Nauk, Katedra Parazytologii i Chorob Kwasowych i Katedra Chemii
Fizjologicznej Wyższej Szkoły Reonomicznej, Wrocław.

KOZAR, Zbigniew; KARPIAK, Stanislaw

Significance of studies on the metabolism of parasitic helminths.
Wiad. parazyt. 11 no.1.-97 '65.

1. Pracownia Antropozoonoz Polskiej Akademii Nauk, Katedra
Parazytolodii i Katedra Chemii Fizjologicznej Wyższej Szkoły
Rolniczej, Wrocław.

KARPIAK, Stanislaw E.

Apropos 2 paths of glycogen metabolism. Postepy hig. med. dosw.
19 no.2:171-195 Mr-Ap '65.

1. Z Katedry Chemii Fizjologicznej Wydzialu Weterynaryjnego
Wyzszej Szkoły Rolniczej we Wroclawiu (Kierownik: doc. dr.
S.E. Karpiak).

KARPIAK, S. E.

POLAND

KOZAK, Zbigniew; KARPIAK, Stanislaw E.; KRZYZANOWSKI, Marian

1. Laboratory of Anthroposcopy, Polish Academy of Sciences, Wroclaw
2. Dept. of Parasitology, Agricultural Higher School (Wyższa Szkoła Rolnicza), Wroclaw; 3. Dept. of Physiological Chemistry, Agricultural Higher School, Wroclaw

Warsaw, Acta parasitologica polonica, Fasc. 26, Sept 1965, pp 271-274

"Changes in the metabolism of the skeletal muscles of guinea pigs caused by invasion of Trichinella spiralis. Part 2: Effect of invasion on the metabolism of organic acids." (This work was supported in part by the U.S. Dept. of Agriculture, Agricultural Research Service, Grant No. FG-Fc-148.)

KARPIAK, Stanislaw E.; IWANOWSKI, Henryk

The influence of phosphorolysis on hydrolysis of glycogen in muscle extracts. Arch. immun. ther. exp. 13 no.3:368-376 '65.

1. Department of Physiological Chemistry, School of Medicine, Wroclaw.

POLAND

KOZAR, Zbigniew; KARPIAK, Stanislaw E.; KRZYZANOWSKI, Marian; KOZAR, Maria

1. Laboratory of Anthroponoses, Polish Academy of Sciences, Wroclaw
2. Dept. of Parasitology, Higher School of Agriculture, Wroclaw
3. Dept. of Physiological Chemistry, Higher School of Agriculture, Wroclaw

Warsaw, Acta parasitologica polonica, Fasc. 24, Sept 1965, pp 259-264

"Observations on the carbohydrate metabolism of Trichinella spiralis muscular larvae." (This work was supported in part by the U.S. Dept of Agriculture, Agricultural Research Service, Grant No. FG-Po-148.)

POLAND

KARPLAK, Stanislaw E.; KOZAR, Zbigniew; KRZYZANOWSKI, Marian; KOZAR, Maria

1. Laboratory of Anthroponoses, Polish Academy of Sciences, Wroclaw
2. Dept. of Parasitology, Higher School of Agriculture, Wroclaw
3. Dept. of Physiological Chemistry, Higher School of Agriculture, Wroclaw

Warsaw, Acta parasitologica polonica, Fasc. 25, Sept 1965, pp 265-70

"Effect of some organic acids on the respiration of Trichinella spiralis larvae." (This work was supported in part by the U.S. Dept. of Agriculture, Agricultural Research Service, Grant No. FG-Po-148)

KARPICHEV, A. S.

USSR/Engineering - Cold welding

Card 1/1 Pub. 128 - 15/26

Authors : Sineok, Ya. Ya.; Baranov, M. S.; Pankul, L. A.; Sapiro, L. S.;
Kagan, I. Z.; Glukhov, P. A.; Mikhin, V. N.; and Karpichev, A. S.

Title : The cold welding of crude iron

Periodical : Vest. mash. 2, 68-71, Feb 1954

Abstract : In order to familiarize and draw the attention of readers to the pressing problems of cold welding (soldering) of crude iron, the Editorial Office published several articles in which various methods of cold welding are discussed, and a description is given of the operations performed and the type of electrodes and equipment used for the above mentioned purpose. Table; drawings; illustrations.

Institution:

Submitted :

POKROVSKAYA, N.A.; KARPICHEVA, V.S.

Indigosol cotton textile printing. Tekst.prom.15 no.10:55-56 0'55.
(MLRA 8:12)

l. Zaveduyushchiy khimicheskoy laboratoriyyey kombinata "5 Oktyabr!"
(for Pokrovskaya)
(Dyes and dyeing--Cotton) (Textile printing)

KARPIK, A.I.

Treatment of obliterating endarteritis and atherosclerosis by
the intravenous administration of novocaine. Zdrav.Bel. 8
no.12:49 D '62. (MIRA 16:1)

1. Iz kafedry obshchey khirurgii (zav. kafedroy B.I.Klepatskiy)
Grodnenskogo meditsinskogo instituta i khirurgicheskogo otdeleniya
l-y Grodnenskoy gorodskoy bol'nitsy (glavnnyy vrach - zasluzhennyy
vrach BSSR V.Yu.Mironchik).
(ARTERIES—DISEASES) (NOVOCAIN)

KARFIK, A.I. (Grodno, ulitsa Gogolya, d.28)

Study of the vascular system in occlusive thrombotic diseases
of the lower extremities. Vest. Khir. 91 no.12:32-37 D '63.
(MIRA 17:9)

1. Iz kliniki obshchey khirurgii (zav... prof. B.I. Kipatskiy)
Grodnoenskogo meditsinskogo instituta.

KARPIK, A.I.

Angiotensiotonography in the diagnosis of initial forms of
enarteritis obliterans. Sov. med. 27 no.12:20-24 O '64.
(MIRA 18:11)

1. Klinika obshchey khirurgii (zav.- prof. B.I. Klepatskiy)
Gordnenskogo meditsinskogo instituta.

KARPIKHIN, Vladimir Vasil'yevich; SAPAROVA, A.L., redaktor; FRIDKIN, A.M.,
tekhnicheskij redaktor.

[Measuring electric parameters of condensers] Tekhnika izmerenii
elektricheskikh parametrov kondensatorov. Moskva, Gos.energeti-
cheskoe izd-vo, 1955. 126 p.
(MLRA 8:3)
(Condensers (Electricity))(Electric measurements)

112-57-7-14010

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7, p 27 (USSR)

AUTHOR: Karpikhin, V. V.

TITLE: High-Frequency Soldering of Paper-Capacitor Enclosures (Payka
korpusov bumazhnykh kondensatorov tokami vysokoy chastoty)

PERIODICAL: Inform.-tekhn. sb., M-vo radiotekhn. prom-sti SSSR (Technical
Information Collection, Ministry of the Radio-Engineering Industry, USSR),
1955, Nr 6, pp 21-30

ABSTRACT: Adopting high-frequency soldering instead of manual soldering for
capacitor can seams resulted in the following advantages: increased produc-
tivity, simultaneous and uniform heating of parts to be joined, simultaneous
soldering of several seams, local heating of the seam to be soldered, lower
consumption of solder and flux, cutting of inadequate seal rejects by 74%, and
the possibility of adjusting soldering conditions within a wide range. The fol-
lowing high-frequency tube generator was used for soldering: dimensions,
1,180 x 1,020 x 2,030 mm; type, LGZ-10; output, 8 kw; working frequency, 500-
700 kc. The parts are fed to the inductor by means of a conveyer. The parts

Card 1/2

KHRZHCH, VADIMUR YASOVICH

BATMANOVSKIY, Yevgeniy Aleksandrovich; KARPIKHIN, Vladimir Vasil'yevich;
UDAL'TSOV, A.N., glavnyy redaktor; SHTEYN, V.M., inzheher, redaktor;
SENKEVICH, I.V., inzhener, redaktor

[Recording double bridge for studying electric properties of alloys.
Stand for measuring the remittance of duct capacitors] Samopishushchii
dvoinoi most dlia issledovaniia elektricheskikh svoistv splavov. Stend
dlia izmereniiia soprotivleniiia prokhodnykh kondensatorov. Tema 5,
no.1-56-456. Moskva, 1956. 16 p. (MLRA 10:5)

1. Moscow. Institut tekhniko-ekonomiceskoy informatsii.
(Alloys--Electric properties) (Condensers (Electric))

S/196/62/000/016/006/011
E194/E155

AUTHOR: Karpikhin, V.V.

TITLE: Mass measurements in the manufacture of radio
capacitors

PERIODICAL: Referativnyy zhurnal, Elekrotehnika i energetika,
no.16, 1962, 12, abstract 16 B 47.K.
(M.-L., Gosenergoizdat, 1961, 151 pages, ill., 49 k.)

TEXT: The book is a revision of one by the same author
published in 1955 by Gosenergoizdat under the title "Tekhnika
izmereniy elektricheskikh parametrov kondensatorov" ('The technique
of measuring electrical properties of capacitors') and now
enlarged mainly by adding new chapters on 'Automation and
mechanisation of the inspection of the electrical properties of
capacitors'. The second chapter, entitled 'Instruments for
measuring capacitance', now excludes the instrument UNET-1000
(TsIYET-1000) and microfaradometer type 3P (EF), but introduces the
instrument type NPK-3 (PRK-3). The seven other chapters include
an introductory chapter on mass measurement techniques (accuracy of
measurement, requirements applicable to the apparatus, measuring

Card 1/2

Mass measurements in the ...

S/196/62/000/016/006/011
E194/E155

devices, etc) and also chapters devoted to measurement of tan δ , of insulation resistance, of capacitance and of electric strength. In the last chapter the instrument type TPU-10 (TPU-10) is described instead of the equipment PU-2 (PU-2); information is also given about equipment type MCK-4 (ISK-4) for testing capacitors in the presence of 'flutter', or internal corona in the dielectric. Theoretical problems are disregarded in favour of practical information drawn from instruction manuals and from the author's experience. The book may be useful for factory staff concerned with checking capacitors.

25 references.

[Abstractor's note: Complete translation.]

Card 2/2

KARPIKHIN, Vladimir Vasil'yevich; SPERANSKIY, A.A., red.; LARIONOV,
G.Ye., tekhn. red.

[Large scale measurements in the production of radio condensers]
Massovye izmereniia v proizvodstve radiokondensatorov. Moskva,
Gosenergoizdat, 1962. 149 p. (MIRA 15:5)
(Capacitors (Electricity))

KARPIKHM, Vladimir Vasil'yevich; BAZILEVSKIY, V.V., red.

[Technology of the manufacture of mica and glass-enamel condensers] Tekhnologija proizvodstva sliudianykh i steklosmalevykh kondensatorov. Moskva, Energiia, 1964.
252 p. (MIRA 17:12)

AZARKH, Solomon Khatskelevich; KARFIKHIN, V.V., red.

[Condensers] Kondensatory peremennoi emkosti]
Moskva, Energiia, 1965. 326 p. (MIRA 18:2)

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820017-4

PIPER, W.A., alias John Tracy; PARTRIDGE, J.L., alias; McLAUGHLIN, W.Y., alias.

Supplementary information complete with resolution concerning the
Longview, Sudo-traction Co. Inc. At 30-57 Ap 195.

(MERA 18:8)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820017-4"

UKOKIN, I.; POTAPENKO, P.; FOROSTETSKIY, L.; KARPILENSKO, M.

Graduation projects of students should have a realistic basis.
Mast.ugl. 9 no.2:14 F '60. (MIRA 13:7)

1. Predsedateli predmetnykh komissiy Kopeyskogo gornogo tekhnikuma Chelyabinskogo sovnarkhoza (for Ukolkin, Potapenko). 2. Direktor L'govskogo gornogo tekhnikuma (for Forostetskiy). 3. Zaveduyushchiy kabinetom diplomirovaniya Gorlovskogo gornogo tekhnikuma (for Karpilenko).

(Mining engineering--Study and teaching)

SHILOV, P.M., prof.; KARPILENKO, M.I., inzh.

Type MPU-1 rock loading machines. Ugol' Ukr. 6 no.5:37-38 My
'62. (MIRA 15:11)
(Loading and unloading--Equipment and supplies)

CHAPKEVICH, Vasiliy Semenovich; KARPILENO, S.T., kand. ist. nauk,
nauchnyy red.; GRIBAKIN, D.V., red.izd-va; GURDZHIYEVA, A.M.,
tekhn. red.

[Communism begins today] Kommunizm nachinaetsia segodnia. Le-
ningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962.
76 p. (MIRA 16:2)
(Russia--Economic policy)

ACC NR: AP7004722 (V) SOURCE CODE: UR/0413/67/000/001/G06/007

INVENTOR: Murasov, A. Sh.; Karpiles, I. I.; Sidekhmenov, V. K.; Sazanov, V. M.

ORG: None

TITLE: A method for making thin-walled tubular parts. Class 7, No. 189792

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 6-7

TOPIC TAGS: thin shell structure, pipe

ABSTRACT: This Author's Certificate introduces a method for using a filler to make thin-walled tubular components. A compensation cavity which may be tapered is formed in the center of the filler material for tightly packing the recess inside the finished component and improving the quality of the resultant product.

SUB CODE: 13/ SUBM DATE: 26Oct64

Card 1/1

UDC: 621.983.3-462

TALOVEROV, V.N.; KARPILEV, I.I.

Removing billets from guillotine shears. Avt.prcm. 31 n.10:39
0 '65. (MIRA 18:10)

1. Ul'yanovskiy avtozavod.

KARPILES, I.I.

Cold extrusion of electrodes. Avt. prom. 29 no.11:37 N '63.
(MIRA 16:12)
1. Ul'yanovskiy avtozavod.

MURASOV, A.Sh.; KARPHLES, I.I.

Using cold extrusion techniques in manufacturing spring linings
for the GAZ-69 motor-truck. Art. from. 31 no.2.33-34. S '65.
(MIRA 16:7)

1. Ul'yanovskiy automobile.

KARPILES, Isak Isayevich; TIKHIY, Yevgeniy Matveyevich; YEREMEY,
N.I., red.

[Chipless metalworking by pressure] Obrabotka metallov
davleniem bez sniatiia struzhki. Ul'ianovsk, Ul'ianovskoe
knizhnoe izd-vo, 1963. 30 p. (MIRA 17:10)

1. Konstruktor Ul'yanovskogo avtomobil'nogo zavoda metalli-
cheskikh izdeliy (for Karpiles, Tikhyy).

KARPILES, I.I.

Semiautomatic press for stamping lubrication grooves. Avt.prom. 27
no.12:39-40 D '61. (MIRA 15:1)

1. Ul'yanovskiy avtozavod.
(Power presses)

TALOVEROV, V.N.; KARFILES, I.I.

The LA 6 automatic line. Bil.tekhn.-ekon.inform.Gos.nauch.-issl.
inst.nauch.i tekhn.inform. 18 no.1832-33 Ja '65.

(MIRA 18:4)

KARPIKOVICH, A. Sh.

Mashinist prokhozhesheskogo vodcoteliva [Draul-sinking mechanic]. Moskva,
Ugletekhizdat, 1953. 124 p.

SC: Monthly List of Russian Accessions, Vol. 6 No. 12 March 1954.

KARPILEVICH, M.Sh., inshener.

Tasks in the field of mine drainage. Shkht.stroi. no.3:13-16
Mr '57. (MLRA 10:7)
(Mine pumps)

KANAVEC, I.F. [Kanavets, I.F.]; AKUTIN, M.S.; ROMASOVA, A.G. [Romashova, A.G.];
KARPILEVIC, V.M. [Karpilevich, V.M.]

Problem of the optimal processing methods of polyformaldehyde injection molding. Chem prum 13 no.4:209-217 Ap '63.

1. Nauchno-issledovatel'skoy institut plastmass v Moskve.

MASAL'SKIY, Arkadiy Yakovlevich; KARPILOV, Izrail' Khatskelevich; KASHTANOV, F.,
red.; KALECHITS, G., tekhn. red.

[Development of the instrument industrie in the White-Russian S.S.R.]
Razvitiye priborostroeniia v Belorusskoi SSR. Minsk, Gos.izd-vo BSSR.
red. nauchno-tekhn. lit-ry, 1959, 38 p. (MIRA 14:12)
(White Russia—Instrument industry)

Karpilov, V.V.

USSR/Optics - X-Rays

K-8

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 13143
Author : Gogoberidze, D.B., Karpilov, V.V.
Inst : -
Title : Possibility of Employing Orgiment as a Meterial for Crystal Counters of X-rays.
Orig Pub : Sb. statey Leningr. in-ta tochnoy mekhan. i optika, 1955,
vyp. 18, 21-23

Abstract : It was observed that the sensitivity of orgiment crystals (As_2S_3) to X-rays is not less than the sensitivity of the ionization chamber of an X-ray spectrometer, filled with air. This makes it possible to employ orgiment as a receiver for radiation in crystal counters for X-rays, and apparently also for gamma rays.

Card 1/1

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820017-

KARPILOV, VV. S., TACHEVSKIY, I. A., (USSR)

"Interrelation of the Formation of Photosynthetic Products
and of Nitrogen Metabolism in Plants."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow, 14-16 Aug 1961.

KARPOV, YU. S., TARCHEVSKY, I. A., (USSR)

"The Problem of the Path of
Carbon in Photosynthesis."

Report presented at the 5th Int'l. Biochemistry Congress,
Moscow 10-16 Aug 1961.

TARCHEVSKIY, I.A.; KARPOV, Yu.S.

Nature of the products of short-term photosynthesis. Fiziol.
rast. 10 no.2:229-231 Mr-Ap '63. (MIRA 16:5)

1. Kazanskiy gosudarstvennyy universitet imeni Lenina i Kazanskiy
sel'skokhozyaystvennyy institut.
(Photosynthesis)

KARPILOV, Yu.S.

Ontogenetic changes in the nitrogen requirement of corn in
relation with the peculiarities of metabolism. Izv. AN SSSR.
Ser. biol. 27 no.1:112-116 Ja-F '62. (MIRA 15:3)

1. Agricultural Institute, Kazan, U.S.S.R.
(CORN (MAIZE)--FERTILIZERS AND MANURES)
(NITROGEN METABOLISM)

BUCHNEV, V.K., prof., doktor tekhn. nauk; KALININ, R.A., dotsent; KORABLEV, A.A., kand. tekhn. nauk; MONIN, G.I., inzh.; BELYAYEV, V.S., kand. tekhn. nauk; MERKULOV, V.Ye., inzh.; ALEKSEYENKO, V.D., inzh.; IL'SHTEYN, A.M., kand. tekhn.nauk; GELESKUL, M.N., kand. tekhn.nauk; KOBISHCHANOV, M.A., kand. tekhn.nauk; DOBROVOL'SKIY, V.V., kand. tekhn. nauk; MALYSHEV, A.G., inzh.; VOROPAYEV, A.F., prof., doktor tekhn. nauk; LIDIN, G.D., prof., doktor tekhn.nauk; TOPCHIYEV, A.V., prof.; VEDERNIKOV, V.I., kand. tekhn.nauk; KUZ'MICH, I.A., kand. tekhn. nauk; LEYTES, Z.M., inzh.; SYSOYEVA, V.A., kand. tekhn. nauk; MELAMED, Z.M., kand. tekhn.nauk; CHERNAVGIN, N.N., inzh.; ~~KARPILOVICH, M.Sh.~~, inzh.; MEL'KUNOV, L.G., inzh.; BOGOPOL'SKIY, ~~L.Kh.~~, inzh.; FROLOV, A.G., doktor tekhn.nauk; KHVOSTOV, F.K., inzh.; BAGASHEV, M.K., kand. tekhn. nauk; KAMINSKIY, I.N., inzh.; PETROVICH, T.I., inzh.; ZHUKOV, V.V., red. izd-va; LOMILINA, L.N., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining engineers' handbook] Spravochnik gornogo inzhenera.
Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960.
(MIRA 14:1)
(Mining engineering--Handbooks, manuals, etc.)

KARPOVSKAYA, E.B.

Mathematical Reviews
Vol. 15 No. 2
Feb. 1954
Numerical and Graphical
Methods

✓ Karpilovskaya, E. B. On convergence of an interpolation method for ordinary differential equations. Uspeni Matem. Nauk (N.S.) 8, no. 3(53), 117-118 (1953). (Russian)

The author applies general theorems of L. V. Kantorovich concerning approximate solutions of equations containing a linear operator to the case of a non-homogeneous linear differential equation of order $2m$ with variable coefficients $p_i(t)$ and homogeneous two-point boundary conditions. She assumes that, for all i , $|p_i^{(r)}(t_1) - p_i^{(r)}(t_2)| \leq L|t_1 - t_2|^\alpha$, where r is an integer and $0 < \alpha \leq 1$. Then using the collocation method of approximating the solution at n points inside the interval she finds an error of order $O(\ln^2 n/n^{1+\alpha})$ when the collocation points are zeros of the n th degree Čebyšev polynomial and $O(1/n^{1+\alpha})$ when they are zeros of the n th degree Legendre polynomial. W. E. Milne.

L 23938-66

EWT(d) IJP(c)

ACC NR: AP6014947

SOURCE CODE: UR/0208/65/005/001/0124/0132

19

B

AUTHOR: Karpilovskaya, E. B. (Leningrad)

ORG: none

TITLE: Convergence of the method of subdomains for ordinary integral differential equations

SOURCE: Zhurnal vychislitel'noy matematiki i matematicheskoy fiziki, v. 5, no. 1, 1965, 124-132

TOPIC TAGS: differential equation, boundary value problem

ABSTRACT: Petersen ("Convergence of Approximation Interpolating Methods for Ordinary Differential Equations," Izv. AN EstSSR, Ser. Fiz.-Matem. i Tekh. Nauk, 1961, 10, no. 1, 3-12) studied the possibility of applying the method of subdomains and its rate of convergence in the solution of simple boundary value problems for ordinary differential equations of finite order. This work establishes an analog for ordinary integral differential equations of the Fredholm and Volterra type for the general linear case and is based on the general theory of approximations of Kantorovich and Akilov. ("Functional Analysis in Normalized Spaces," M., Fizmatgiz, 1959) Orig. art. has: 26 formulas. [JPRS]

SUB CODE: 12 / SUBM DATE: 12Apr63 / ORIG REF: 007 / OTH REF: 001

Card 1/1 JV

UDC: 518: 517.91/.94

L 11176-63

EWT(d)/FCC(w)/BDS--AFFTC--IJP(C)

ACCESSION NR: AF3001141

8/0199/63/004/003/0632/0640

51

AUTHOR: Karpilovskaya, E. B.

TITLE: On the convergence of the method of collocation for some boundary problems of mathematical physics

SOURCE: Sibirski^y matematicheski^y zhurnal, v. 4, no. 3, 1963, 632-640

TOPIC TAGS: collocation method, interpolation method, approximation method, differential equations, approximate solutions, boundary problems, variational methods, Dirichlet problem, computer technique for approximations

ABSTRACT: The present note is intended to demonstrate the convergence of the method of "collocation" in the approximate solution of the Dirichlet problem for certain equations of the elliptic type for a rectangular region. The history of the method of collocation (under various terminological designations, depending on the author) is recited from its inception in 1934 by L.V.Kantorovich (Akad.nauk SSSR, Dokl., no.2, 1934, 532-536), including the works of R.A.Frazer, W.P.Jones, and S.W.Skan (Reports & Memoranda, Aero.Res'ch Comm., no.1799, 1937), and others. The author notes that, despite the infrequency of the use of the collocation method in the past, the development of machine-computing techniques places this

Card 1/2

L 11176-63
ACCESSION NR: AP3001141

O

type of approximation method for the solution of differential equations into a position of prime importance, since their use requires a minimal expenditure of manual labor. In an evaluation of the errors incurred by the use of the method, numerical examples show that low-order approximations found by the collocation method yield, generally speaking, a somewhat smaller accuracy than do analogous approximations obtained by variational methods. However, this deficiency is appreciable only if the number of points of collocation is small. The superiority of the collocation method in comparison with variational methods consists in the fact that, just as Galerkin's method, it does not require a reduction of any given problem to variational concepts. There are 25 numbered equations.

ASSOCIATION: none

SUBMITTED: 23Feb62

DATE ACQD: 01Jul63

ENCL: 00

SUB CODE: MM, PH

NO REF Sov: 005

OTHER: 001

ch/wd
Card 2/2

L 17532-63

EWT(d)/FCC(w)/BDS AFFTC/IJP(C) Pg-4

ACCESSION NR: AP3004411 S/0020/63/151/004/0766/0769

AUTHOR: Karpilovskaya, E. B.57
56

TITLE: Convergence of the collocation method

SOURCE: AN SSSR. Doklady*, v. 151, no. 4, 1963, 766-769

TOPIC TAGS: collocation method

ABSTRACT: Author formulates some theorems concerning the convergence of the collocation method for ordinary integral-differential equations in partial derivatives. Study is based on the general theory of approximate methods developed by L. V. Kantorovich (UMN, 3, v 6 (28), 1948, 89; Funktsional'nyy analiz v normirovannykh prostranstvakh, M., 1959, page 504). Author then states and proves 6 theorems. Author concludes by stating that all cited theorems can be examined as theorems concerning the convergence of certain interpolation processes when the interpolation polynomials are set up according to the values for the integral-differential operators in the points and by the

Card 1/2

L 17532-63

ACCESSION NR: AP3004411

boundary and initial condition. "I take the opportunity to express my acknowledgement to professor S. G. Mikhlin for his consideration to this work." Orig. art. has: 17 formulas.

ASSOCIATION: none.

SUBMITTED: 08Feb63 DATE ACQ: 21Aug63 ENCL: 00

SUB CODE: MM NO REF SOV: 006 OTHER: 002

Card

2/2

KARPILOVSKAYA, E.B. (Leningrad)

Convergence of the method of subdomains for ordinary integro-differential equations. Zhur. vych. mat. i mat. fiz., 5 no.11
124-132 Ja-F '65. (MIRA 13:4)

KARPILOVSKIY, B. P.

Textile industry and fabrics

Results of the creative work of the labor force., Tekst. prom., no. 1, 1952

Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

KARPILOVSKIY, D.

PA 34/18759

USSR/Medicine - Literature, Medical Sep 48
Medicine - Heart, Insufficiency

"Review of B. P. Kushelevskiy's 'Pulmonary and
Cardiopulmonary Insufficiency in the Light of
Organic Anoxia,'" Prof D. Karpilovskiy, 1 p

"Sov Med" No 9

Book is interesting, and based on reliable data.
obtained from numerous case histories. Specialist
will find much valuable information. Published
in Sverdlovsk, 1947, price 12 rubles.

24/49T59

KARPILOVSKII D. A.

Znachenie leikotsitarnogo indeksa Lf/P v klinike tuberkuleza.
[Significance of leukocyte index (Arnoth's formula) in the clinical aspect of tuberculosis] Prcb. tuberk., Moskva No. 2 Mar-Apr 51 p. 62-8.

1. Professor. 2. Of the Diagnostic Division of Moscow Oblast Scientific-Research Tuberculosis Institute (Director--Prof. F. V. Shebanov).
GLNL Vol. 20, No. 10 Oct 1951

KARPILOVSKIY, I. B.

KARPILOVSKIY, I. B. - "Change of Vascular Tonus During Operative Intervention Due to Traumatic Shock and an Evaluation of the Therapeutic Action to Vascular Agents." Sub 27 Mar 52, Central Inst for the Advanced Training of Physicians. (Dissertation for the Degree of Candidate in Medical Sciences).

AC: Vechernaya Moskva January-December 1952

KARPILOVSKIY, D.A., professor [reviewer]; BUNINA, Z.V. [author].

"Tuberculin therapy; indications and methods." Z.V.Bunina. Reviewed by
D.A.Karpilovskii. Probl.tub. no.6:74-75 N-D '53. (MLRA 6:12)
(Tuberculin) (Bunina, Z.V.)

KARPILOVSKY, D.A., professor (Moscow)

"Pulmonary tuberculosis in adults." V.A.Ravich-Shcherbo Selected
chapters reviewed by D.A.Karpilovskii. Klin. med. 32 no.12:84-87
D 154. (MIRA 8:3)

(RAVICH-SHCHERBO, V.A.) (TUBERCULOSIS)

KARPILOVSKIY, D.A.
KARPILOVSKIY, D.A., professor.

Letter to the editor. Klin.med.33 no.8:94 Ag '55 (MLRA 8:11)
(PNEUMOTHORAX) (RAVICH"SHCHERBO, V.A.)

KARPILOVSKIY, A. N., podpolkovnik meditsinskoy sluzhby

Prevention, diagnosis and expert examination of rheumatic fever and
heart defects in young servicemen. Voen.-med. zhur. no.11:27-30 '64.
(MIRA 18:5)

KARPILOVSKIY, L.D., kandidat meditsinskikh nauk

Investigation of vascular tonus by means of finger plethysmography
in peridural anesthesia, in surgery, and in traumatic shock. Klin.
med. 34 no.6:57-65 Je '56. (MIRA 9:10)

1. Iz kafedry klinicheskoy i voyenno-polevoy terapii (nach. - general-
mayor meditsinskoy sluzhby prof. S.A.Pospelova) voyennogo fakul'teta
pri TsIU.

(PLETHYSMOGRAPHY,

finger, in peridural anesth., surg. operations, & traum.

shock (Rus))

(ANESTHESIA SPINAL,

finger plethysmography in (Rus))

(SURGERY, OPERATIVE,

perop. finger plethysmography (Rus))

(SHOCK,

traum., finger plethysmography in (Rus))

(WOUNDS AND INJURIES,

shock, finger plethysmography in (Rus))

KARPILOVSKIY, L.D., mayor meditsinskoy sluzhby, kand.med.nauk

Use of plantain juice in chronic gastritis. Voen.med.zhur. no.4:
81 Ap '60. (MIRA 14:1)
(STOMACH--DISEASES) (PLANTAIN)

KARPILOVSKIY, L.D., kand. med. nauk, podpolkovnik meditsinskoy sluzhby

Clinical and expert evaluation of cardiac murmurs in draftees. Voen.-
med. zhur. no. 5:43-46 My '60. (MIRA 13:7)
(HEART-SOUNDS) (MEDICINE, MILITARY)

L 25941-66 EWT(d)/EWP(l) IJP(c) BB/GO
 ACC NR: AP6015704 SOURCE CODE: UR/0413/66/000/009/0104/0105
 30
 B

INVENTOR: Karpilovskiy, L. N.

ORG: none

TITLE: Transfluxor based analog memory. Class 42, No. 181387
 160

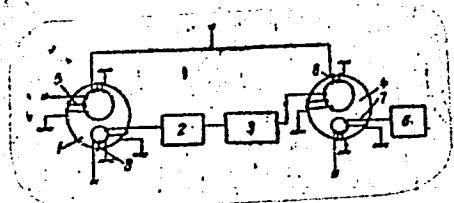
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 104-105

TOPIC TAGS: storage device, computer circuit

ABSTRACT: A high-accuracy analog memory based on transfluxors is shown in the figure. It consists of two serially connected transfluxors, an amplifier, and a signal rectifier. The output signal of the first transfluxor is amplified, rectified, and applied to the input winding

Fig. 1. Transfluxor analog memory.

1 - Transfluxor; 2 - amplifier;
 3 - rectifier; 4 - transfluxor;
 5 - input winding, 6 - load;
 7 - output winding; 8 - control winding.



Card 1/2

UDC: 681.142.07

L 25941-66

ACC NR: AP6015704

of the second transfluxor. The signal source is connected to the input winding of the first transfluxor; the load is connected to the output winding of the second transfluxor. Orig. art. has: 1 figure. [BD]

SUB CODE: 09 / SUBM DATE: 30Sep63 / ATD PRESS: 4256

Card 2/2 FW

KARPILOVSKIY, Yefim Borisovich; IVANITSKIY, V.Yu., red.; RAKITIN, I.T.,
tekhn. red.

["Electronic brain"] "Elektronnyi mozg." Moskva, Izd-vo
"Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. IV Se-
riia: Tekhnika, no.8) (MIRA 15:6)
(Electronic calculating machines)

KARPIN, fmu, Colonel
Veterinary Service

"The effectiveness of novalgin in treatment of colic"
S: Veterinariya 26 (3), 1949, p. 27

KARPIN, A.O.

Metal textolite sliding bearings. Mashinostroitel' no. 4:21-22
(MIRA 14:4)
Ap '61.
(Bearings (Machinery))

"APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820017-4

KARPIN, B.; OBRDA, K.

Rehabilitation. Cesk.nemoc. 17 no.10:297-303 D 149. (CML 19:3)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000720820017-4"

KARPIN, V. K.; MARGOIS, D. A.

Medical Instruments and Apparatus

Results of work of "excellent quality" teams at the "Krasnogvardeyets" plant. Med. prom., No. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

S/653/61/000/000/004/051
I042/I242

AUTHOR: Karpin, V.L.

TITLE: Application of plastics in the construction of engineering equipment

SOURCE: Plastmassy v mashinostroyenii i priborostroyenii.
Pervaya resp. nauch.-tekhn. konfer. po vopr. prim.
plastmass v mashinostr. i priborostr., Kiev, 1959.
Kiev, Gostekhizdat, 1961. 47-57

TEXT: The widely applied method of stamping resins with powerful hydraulic presses is described. The dies are cast from the ACT-T (AST-T) plastic with various fillers in gypsum forms. The detailed procedure for the manufacture of these dies is outlined and the advantages of AST-T over other plastics are listed. AST-T can also be used in the manufacture of abrasives but even better results are

Card 1/2

KARPIN, Ye. B.

"Great Attention in Educational Literature Automatic and Semiautomatic Devices.
Iz. Ak. Nauk SSSR, Otdel Tekh. Nauk, No. 8, 1940.

Report U-1530, 25 Oct 1951

AID P - 2389

KARPIN, Ye.B.

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 3/15

Authors : Adler, M. V. and Karpin, E. B., Eng.

Title : Automatic fit of turbine wheel discs

Periodical : Teploenergetika, 7, 15-19, Jl 1955

Abstract : The effect of stresses in the wheel caused by the forced shrinkage of the disc on the shaft is discussed. A method of decreasing these stresses in the wheel hub by means of rotating the wheel at an appropriate speed is suggested and a mathematical analysis is presented. The favorable effect of plasticity and usual stresses on the shrinkage is illustrated in curves and diagrams.

Institution: Kaluga Turbine Plant

Submitted : No date

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